

**CUTTING TOOL ASSEMBLY HAVING CONSTRUCTION ENABLING
CUTTING TOOL TO HAVE LARGE DIAMETER**

ABSTRACT OF THE DISCLOSURE

5 A cutting tool assembly including: (a) an arbor
including a tapered shank portion which has a taper of 7/24
and a size of No.30; (b) a cutting tool having at least one
cutting blade and fastened to the arbor; (c) a fastener for
fastening the cutting tool to the arbor; and (d) a relative-
10 rotation preventing mechanism for preventing rotation of the
cutting tool relative to the arbor. The cutting tool assembly
has a weight of not larger than 3 kg. The arbor and the
cutting tool have respective contact surfaces which are held
in contact with each other. The relative-rotation preventing
15 mechanism is provided by at least one receiving hole which is
formed in one of the contact surfaces, and at least one
protrusion which is formed on the other of the contact
surfaces and which is received in the above-described at
least one receiving hole.

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